

Title (en)

Pattern data processing method.

Title (de)

Verarbeitungsverfahren von Musterdaten.

Title (fr)

Méthode de traitement de données de motif.

Publication

EP 0350353 A2 19900110 (EN)

Application

EP 89401717 A 19890616

Priority

- JP 15085188 A 19880617
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Abstract (en)

A pattern data processing method processes a hierarchical pattern data which has a hierarchical structure and describes in each level thereof one or a plurality of internal cells constituting one or a plurality of logic blocks of a semiconductor integrated circuit device which is to be produced. The pattern processing method comprises the steps of defining a frame at a boundary between a level i of the hierarchical structure and a level $i+1$ which is higher than the level i , cutting a first portion of a pattern which protrudes out of the frame from the level i to the level $i+1$ and setting the cut first portion as a pattern of the level $i+1$, cutting a second portion of a pattern which protrudes out of the frame from the level $i+1$ to the level i and casting aside the cut second portion, and repeating the steps of cutting the first and second portions for a predetermined number of levels for increasing values of i , where $i=1, 2, \dots, n$, n is an arbitrary integer and a pattern of the semiconductor integrated circuit device is described in a highest level $n+1$.

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G06F 15/60; **G06F 15/62**

IPC 8 full level

G06F 17/50 (2006.01); **G06T 11/20** (2006.01)

CPC (source: EP KR US)

G06F 30/39 (2020.01 - EP US); **G06F 30/398** (2020.01 - EP US); **G06T 1/00** (2013.01 - KR); **G06T 11/206** (2013.01 - EP US)

Cited by

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